



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, October 13, 2017

Issued: 0800 CT

Day 1 Weather Impacts: *No significant weather impacts.*

River Flood Impacts: *Minor to Moderate river flooding will continue on the Nueces river in South TX.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today

- No significant weather impacts
- The Nueces River is moving water downstream and will be in Moderate Flood at Bluntzer for the next several days and is expected to continue rising at Calallen into Minor Flood

Saturday

- Strong storms with hail and damaging winds are possible Saturday afternoon and evening over W & N OK into the E TX Panhandle
- Some isolated heavy rain is possible from NE through Central OK

Sunday - Tuesday

- No significant weather impacts

Tropical Outlook

- Hurricane Ophelia in the eastern Atlantic is forecast to track northeast away from the U.S. with no impacts to Region 6
- A strong tropical wave several hundred miles east of the Lesser Antilles is producing disorganized showers and storms. Upper level winds are expected to prevent significant development of this system for the next couple of days as it moves W-NW to the north of the Leeward Islands. Environmental conditions could become a little more conducive for some development early next week while the system moves northward over the W-Central Atlantic
 - Formation chance through 48 hours...low...near 0%
 - Formation chance through 5 days...low...20%

FEMA Region 6 Threat Matrix

Oct 13, 2017 - Oct 17, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather		W & N OK, E TX Panhandle			
Heavy Rain / Flash Flooding		NE through Central OK			
Fire Weather					
River Flooding	Nueces – S TX	Nueces – S TX	Nueces – S TX	Nueces – S TX	Nueces – S TX
Tropical Weather					

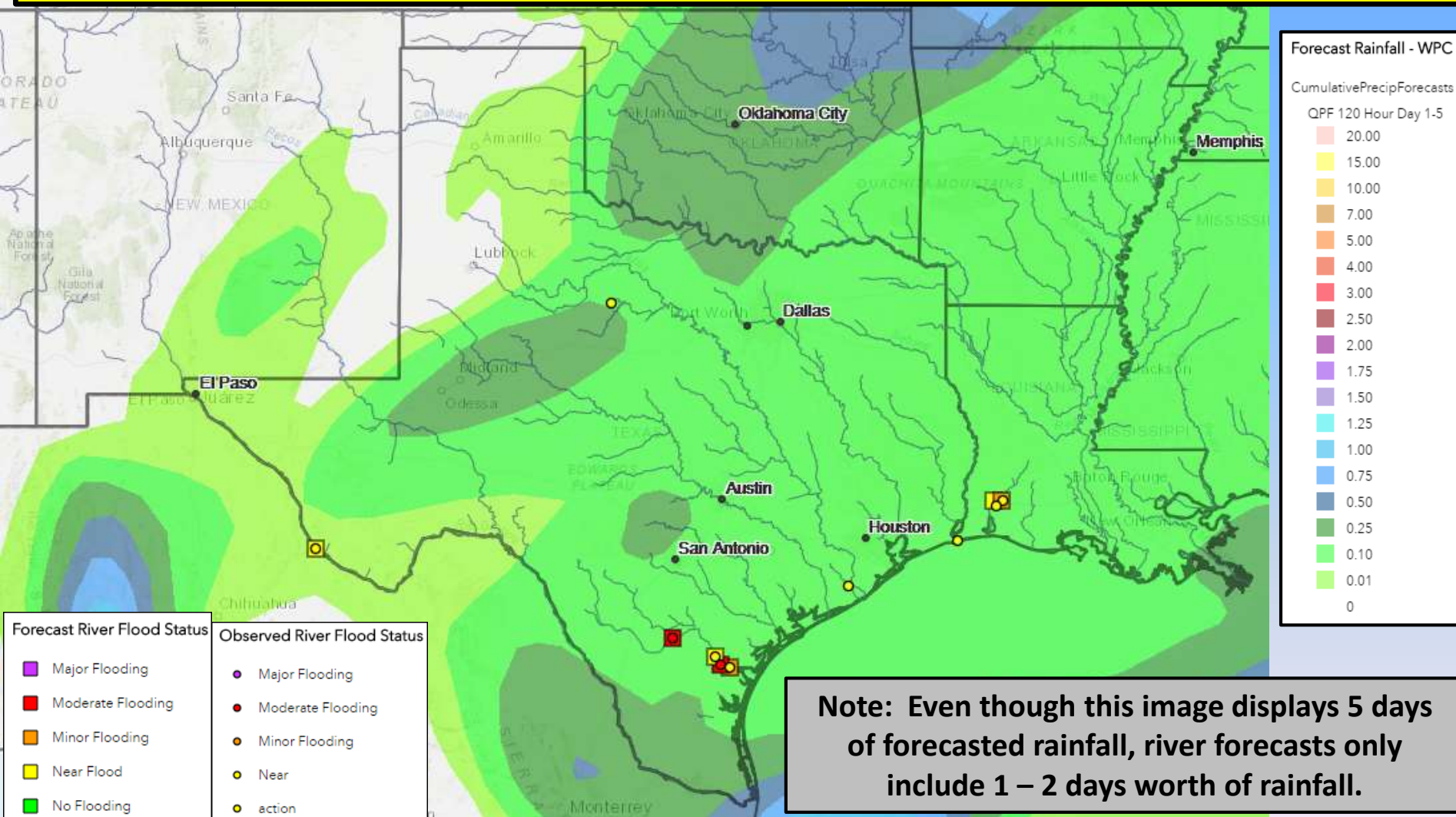
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

The Nueces River is moving water downstream and will be in Moderate Flood at Bluntzer for the next several days and is expected to continue rising at Calallen into Minor Flood.

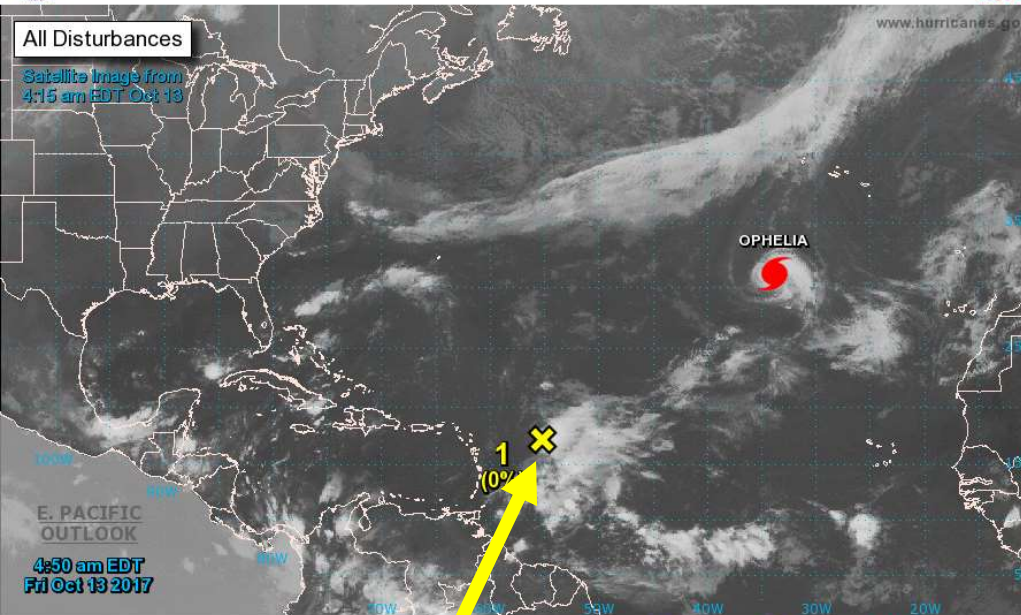


For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane
● Post-Tropical Cyclone ✖ Remnants

A strong tropical wave is producing disorganized showers and storms. Upper level winds are expected to prevent significant development of this system for the next couple of days as it moves W-NW. Conditions could become a little more conducive for some development early next week while the system moves N over the W-Cntrl Atlantic.

Formation chance through 48 hours...low...near 0%
Formation chance through 5 days...low...20%

Hurricane Ophelia is moving NE and will have no impacts to Region 6.



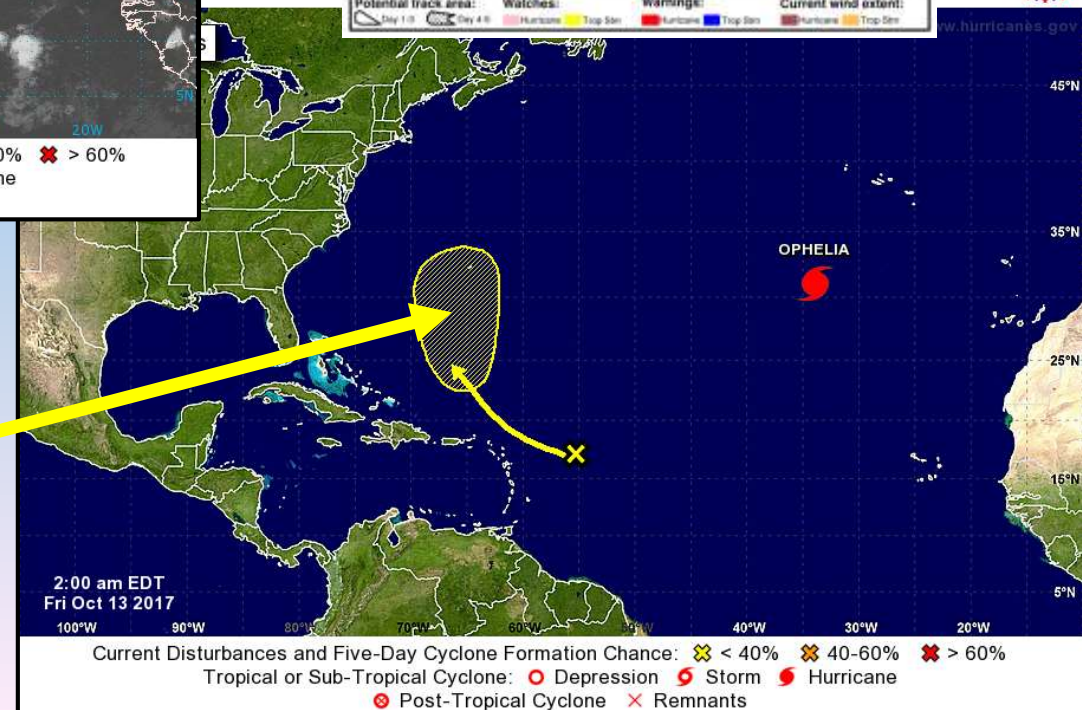
Five-D

Hurricane Ophelia
Friday October 13, 2017
5 AM AST Advisory 17
NWS National Hurricane Center

Current information: ✖
Center location: 31.1 N 33.9 W
Maximum sustained wind: 100 mph
Movement: ENE at 8 mph

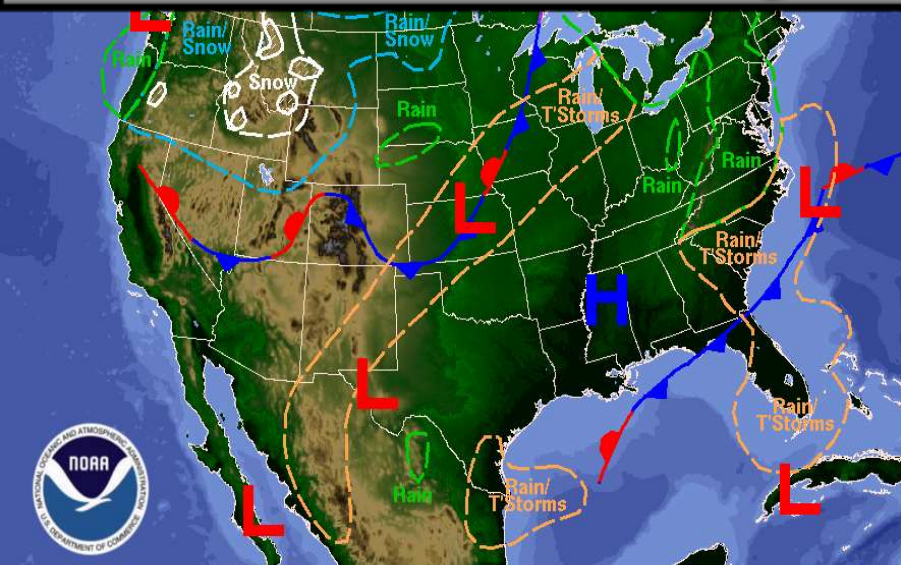
Forecast positions:
● Tropical Cyclone ○ Post-Potential TC
Sustained winds: ○ < 30 mph
S 30-70 mph: N 74-110 mph: M = 110 mph

Potential track area: Day 1-3 Day 4-5
Watches: Hurricane Trop Sea
Warnings: Hurricane Trop Sea
Current wind extent: Hurricane Trop Sea



Today's Weather

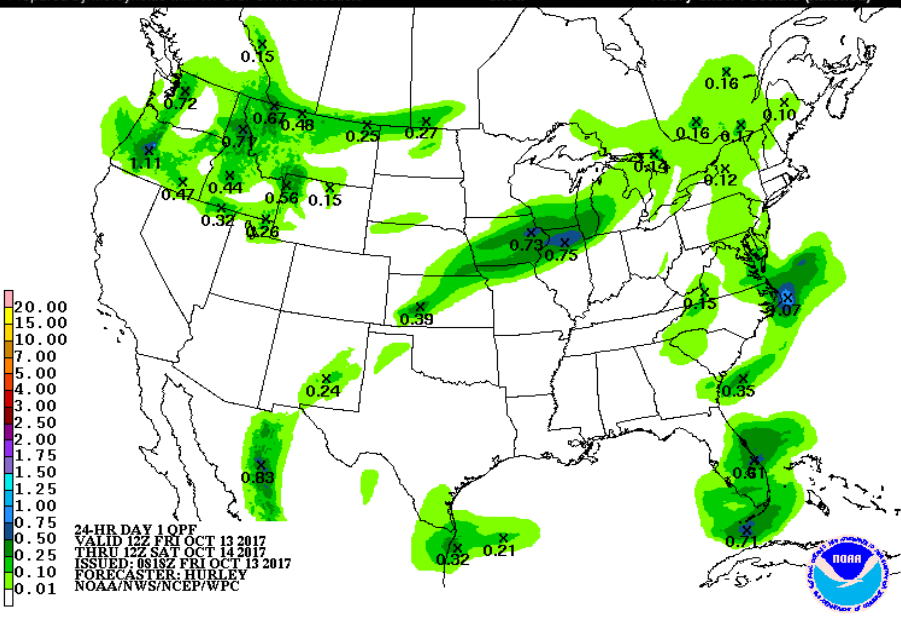
The Nueces River is moving water downstream and will be in Moderate Flood at Bluntzer for the next several days and is expected to continue rising at Calallen.



Day 1 National Forecast Chart

Valid Fri, Oct 13, 2017, issued 4:26 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



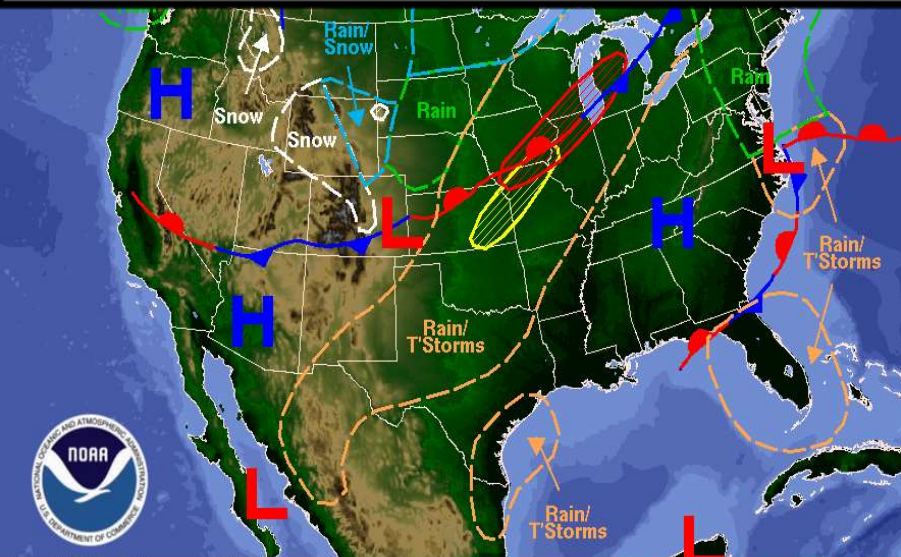
24 HR DAY 1 OPI
 VALID 12Z FRI OCT 13 2017
 THRU 12Z SAT OCT 14 2017
 ISSUED 0818Z FRI OCT 13 2017
 FORECASTER: HURLEY
 NOAA/NWS/NCEP/WPC



**Tornado & Severe Thunderstorm Outlook
 Friday, October 13, 2017**

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

Tomorrow's Weather



Day 2 National Forecast Chart

Valid Sat, Oct 14, 2017, issued 4:30 AM EDT Fri, Oct 13, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Moreynolds with WPC/SPC/NHC forecasts

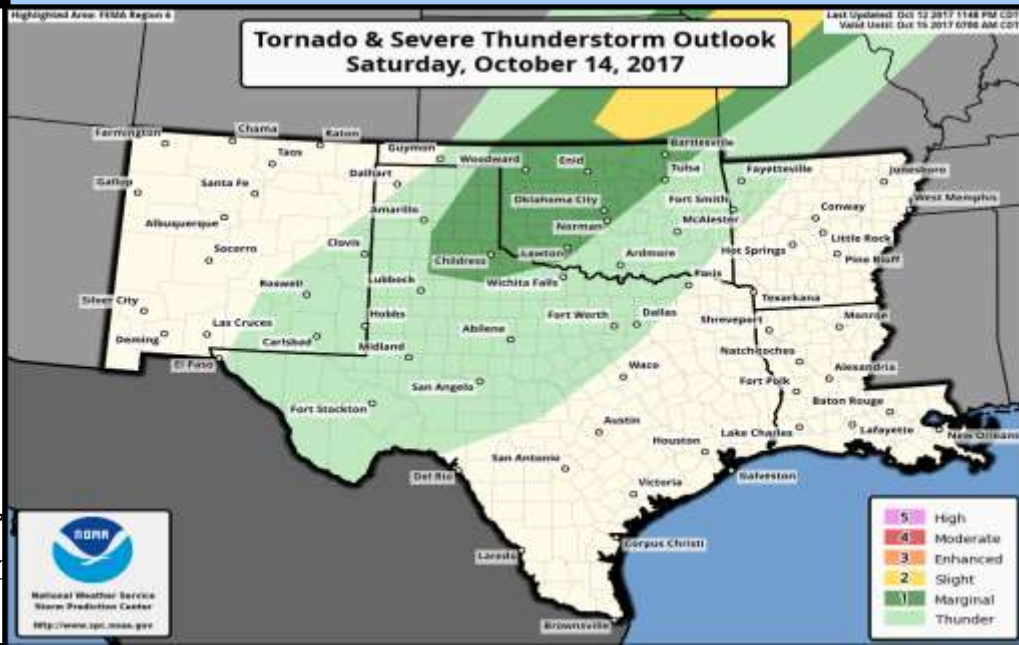
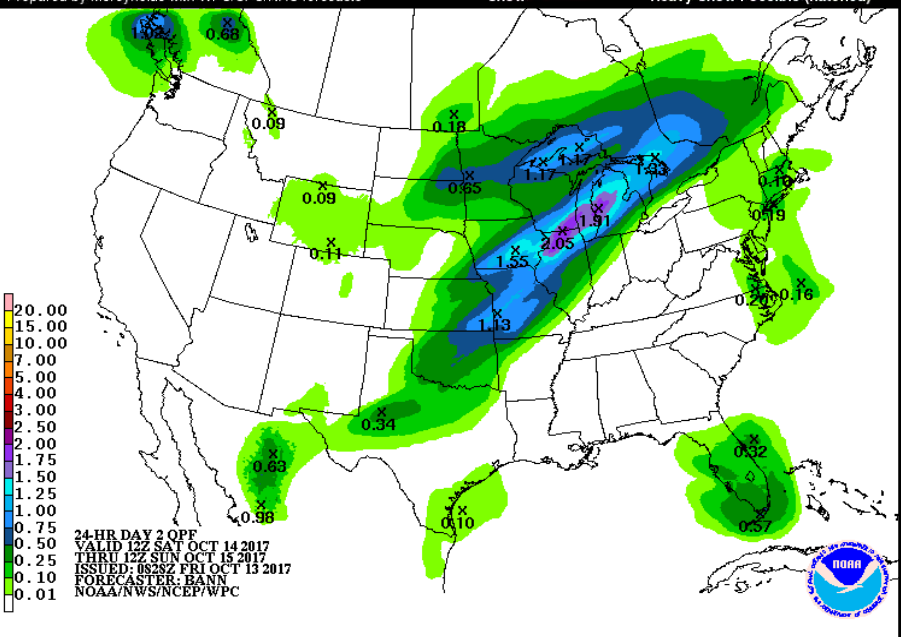
Rain
 Rain and T'Storms
 Rain and Snow
 Snow

Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

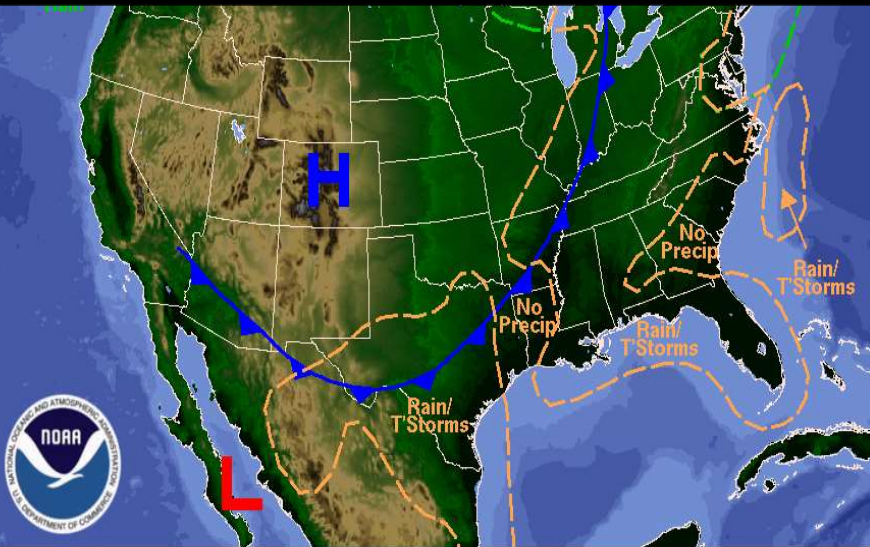
Strong storms with hail and damaging winds are possible Saturday afternoon and evening over W & N OK into the E TX Panhandle.

Some isolated heavy rain is possible from NE through Central OK.

The Nueces River is moving water downstream and will be in Moderate Flood at Bluntzer and is expected to continue rising at Calallen into Minor Flood.



Sunday's Weather

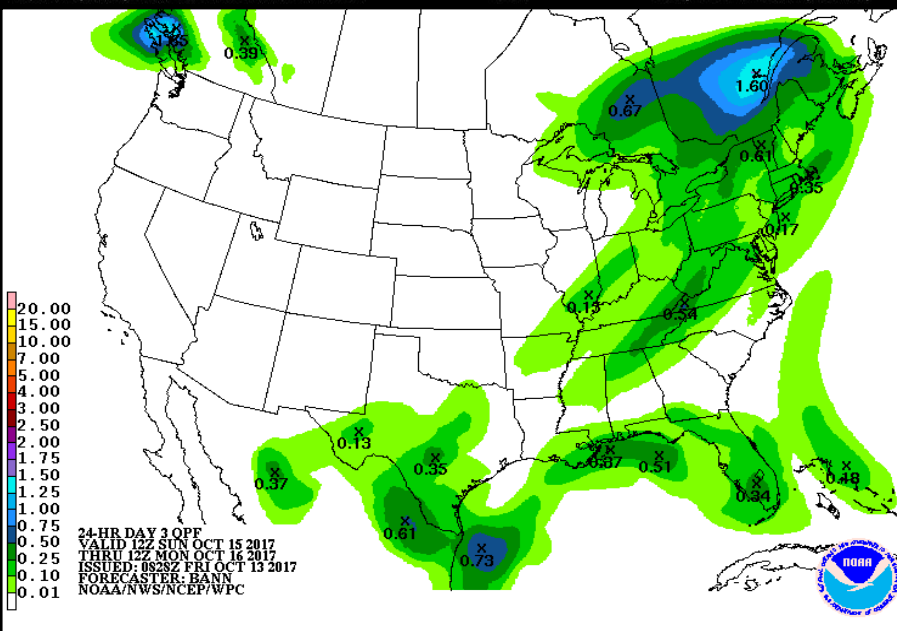


Day 3 National Forecast Chart

Valid Sun, Oct 15, 2017, issued 5:02 AM EDT Fri, Oct 13, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

The Nueces River is moving water downstream and will be in Moderate Flood at Bluntzer and is expected to continue rising at Calallen into Minor Flood.



24-HR DAY 3 QPF
VALID 12Z SUN OCT 15 2017
THRU 12Z MON OCT 16 2017
ISSUED: 0528Z FRI OCT 13 2017
FORECASTER: BANY
NOAA/NWS/NCEP/WPC









Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



No Significant Weather Impacts.

Minor to Moderate Flooding will continue on the Nueces River.

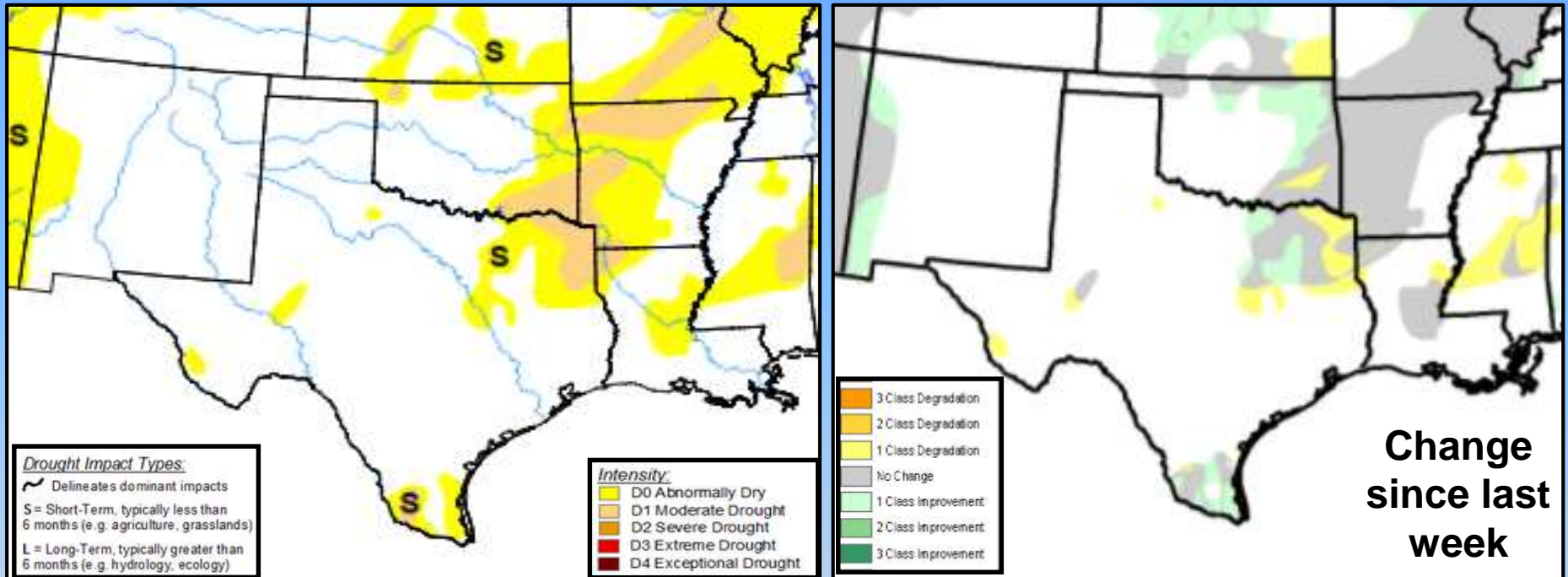
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*



Drought Monitor Released 12 October, 2017

Data valid as of 7am CDT, Tuesday, October 10, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

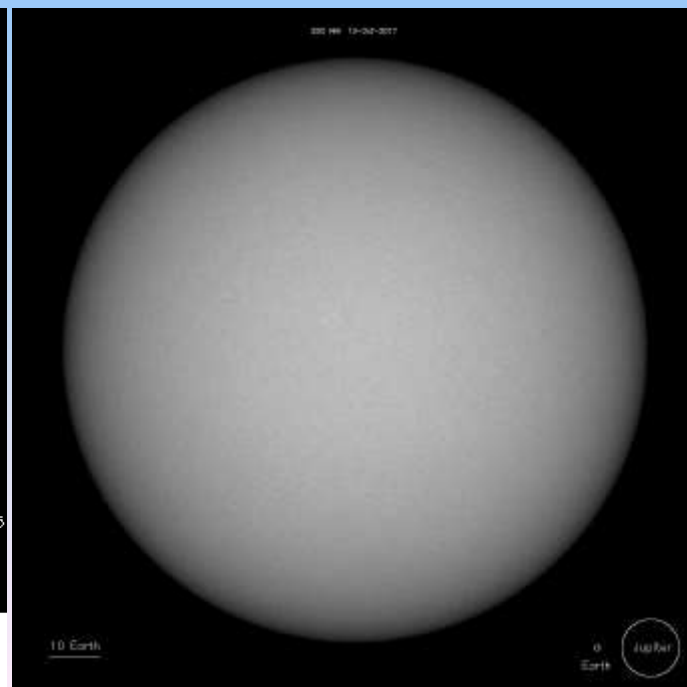
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms